

100

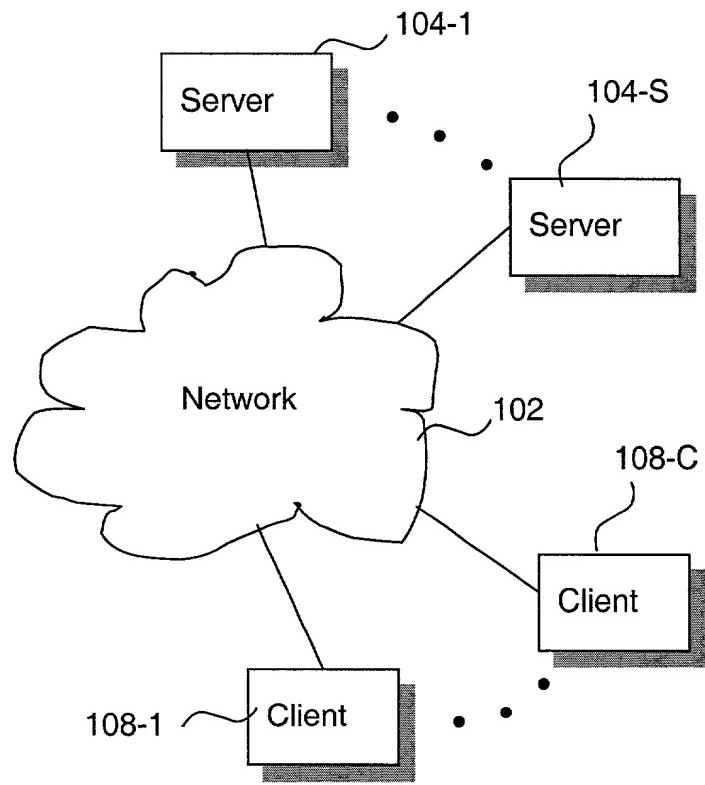


FIG. 1 (Prior Art)

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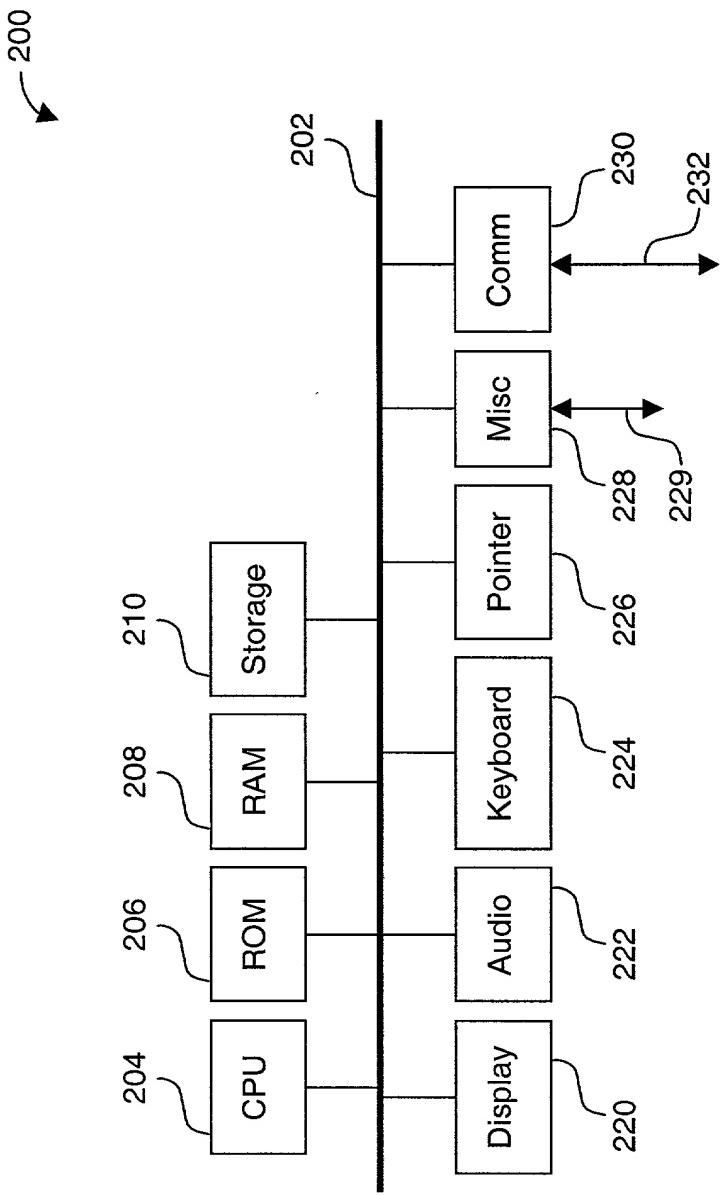


FIG. 2 (Prior Art)

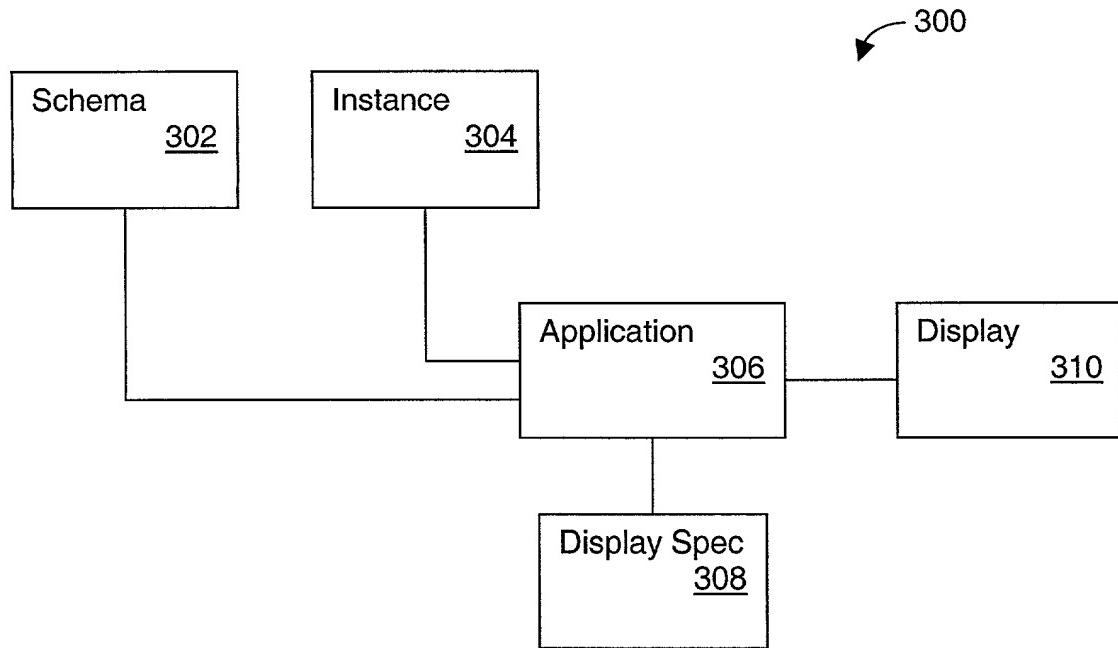


FIG. 3

```
401 <?xml version="1.0" encoding="UTF-8"?>
402 <!DOCTYPE xsd:schema SYSTEM "Schema.dtd">
403 <xsd:schema
404 targetNamespace="http://www.fulldegree.com/Schema/Section/Container/Tent.
405 xsd" xmlns:bullets="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
406 xmlns:incl="http://www.fulldegree.com/Schema/System/Incl.xsd"
407 xmlns:spec="http://www.fulldegree.com/Schema/Lib/Specifications.xsd"
408 xmlns:fd="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
409 xmlns="http://www.fulldegree.com/Schema/Section/Container/Tent.xsd"
410 xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"
411 elementFormDefault="qualified">
412     <xsd:import namespace="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
413 schemaLocation="Bullets.xsd"/>
414     <xsd:import
415 namespace="http://www.fulldegree.com/Schema/Lib/Specifications.xsd"
416 schemaLocation="Specifications.xsd"/>
417     <xsd:import
418 namespace="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
419 schemaLocation="FullDegree.xsd"/>
420     <xsd:import
421 namespace="http://www.fulldegree.com/Schema/System/Incl.xsd"
422 schemaLocation="InfoAttr.xsd"/>
423
424     <xsd:element name="Container" nullable="true">
425         <xsd:complexType>
426             <xsd:sequence minOccurs="0">
427                 <xsd:element ref="bullets:BulletPoints"/>
428                 <xsd:element ref="Specifications"/>
429             </xsd:sequence>
430             <xsd:attribute ref="fd:Name" use="required"/>
431             <xsd:attribute ref="fd:NodeName" use="default" value="Tent"/>
432             <xsd:attribute ref="fd:Version" use="optional"/>
433             <xsd:attribute ref="fd:Language" use="optional"/>
434             <xsd:attribute ref="fd:NS" use="optional"/>
435             <xsd:attribute ref="fd:Path" use="required"/>
436         </xsd:complexType>
437     </xsd:element>
```

(File: Tent.xsd)

```
437 <xsd:element name="Specifications">
438   <xsd:complexType>
439     <xsd:sequence>
440       <xsd:element ref="Appearance" minOccurs="0"/>
441       <xsd:element ref="spec:Materials" minOccurs="0"/>
442     </xsd:sequence>
443     <xsd:attribute ref="fd:NodeName" use="optional"/>
444   </xsd:complexType>
445 </xsd:element>
446 <xsd:element name="Appearance">
447   <xsd:complexType>
448     <xsd:sequence>
449       <xsd:element ref="Measurements"/>
450       <xsd:element ref="spec:Colors" minOccurs="0"
451 maxOccurs="unbounded"/>
452       <!--xsd:element name="Sizes" minOccurs="0"
453 maxOccurs="unbounded"-->
454     </xsd:sequence>
455   </xsd:complexType>
456 </xsd:element>
457 <xsd:element name="Measurements">
458   <xsd:complexType>
459     <xsd:sequence>
460       <xsd:element ref="Capacity"/>
461     </xsd:sequence>
462     <xsd:attribute ref="fd:NodeName" use="optional"/>
463   </xsd:complexType>
464 </xsd:element>
465 <xsd:element name="Capacity">
466   <xsd:complexType>
467     <xsd:simpleContent>
468       <xsd:restriction base="xsd:int">
469         <xsd:minInclusive value="0"/>
470         <xsd:attribute ref="fd:NodeName" use="required"/>
471       </xsd:restriction>
472     </xsd:simpleContent>
473   </xsd:complexType>
474 </xsd:element>
475 </xsd:schema>
```

(File: Tent.xsd)

```
501 <?xml version="1.0" encoding="UTF-8"?>
502 <!DOCTYPE xsd:schema SYSTEM "Schema.dtd">
503 <xsd:schema
504 targetNamespace="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
505 xmlns:fd="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
506 xmlns="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
507 xmlns:xsd="http://www.w3.org/2000/10/XMLSchema"
508 elementFormDefault="qualified">
509     <xsd:import
510         namespace="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
511         schemaLocation="FullDegree.xsd"/>
512     <xsd:element name="BulletPoints">
513         <xsd:complexType>
514             <xsd:sequence>
515                 <xsd:element ref="Collect" maxOccurs="unbounded"/>
516             </xsd:sequence>
517             <xsd:attribute ref="fd:NodeName" use="required"/>
518         </xsd:complexType>
519     </xsd:element>
520     <xsd:element name="Collect">
521         <xsd:complexType>
522             <xsd:sequence>
523                 <xsd:element ref="BulletPoint" maxOccurs="unbounded"/>
524             </xsd:sequence>
525             <xsd:attribute ref="fd:NodeName" use="optional"/>
526         </xsd:complexType>
527     </xsd:element>
528     <xsd:element name="BulletPoint">
529         <xsd:complexType>
530             <xsd:sequence>
531                 <xsd:element ref="Text"/>
532             </xsd:sequence>
533             <xsd:attribute ref="fd:NodeName" use="optional"/>
534             <xsd:attribute ref="fd:Priority" use="optional" value="1"/>
535         </xsd:complexType>
536     </xsd:element>
```

(File: Bullets.xsd)

```
537 <xsd:element name="Emphasis">
538   <xsd:complexType>
539     <xsd:simpleContent>
540       <xsd:extension base="xsd:string">
541         <xsd:attribute ref="fd:NodeName" use="default" value="Bold"/>
542       </xsd:extension>
543     </xsd:simpleContent>
544   </xsd:complexType>
545 </xsd:element>
546 <xsd:element name="Regular">
547   <xsd:complexType>
548     <xsd:simpleContent>
549       <xsd:extension base="xsd:string">
550         <xsd:attribute ref="fd:NodeName" use="optional"/>
551       </xsd:extension>
552     </xsd:simpleContent>
553   </xsd:complexType>
554 </xsd:element>
555 <xsd:element name="Text">
556   <xsd:complexType>
557     <xsd:choice>
558       <xsd:sequence>
559         <xsd:element ref="Emphasis" minOccurs="0"/>
560         <xsd:element ref="Regular"/>
561       </xsd:sequence>
562     <xsd:element name="Reference" nullable="true">
563       <xsd:complexType>
564         <xsd:attribute ref="fd:Path" use="required"/>
565       </xsd:complexType>
566     </xsd:element>
567   </xsd:choice>
568   <xsd:attribute ref="fd:NodeName" use="optional"/>
569   </xsd:complexType>
570 </xsd:element>
571 </xsd:schema>
```

(File: Bullets.xsd)

File: VE-25.xml
Line 600

```
601 <?xml version="1.0" encoding="UTF-8" ?>
602 <!-- Generated by brian@fulldegree.com on Jun 19, 2001 10am -->
603 <Container fd:NS="http://www.thenorthface.com"
604     fd:Path="/TNF/Instance/Section/Categories/Tents/Expedition"
605     fd:Version="1.0" fd:Language="English" fd:Name="VE-25"
606     fd:NodeName="VE-25" xsi:noNamespaceSchemaLocation="Tent.xsd"
607     xmlns:xsi="http://www.w3.org/2000/10/XMLSchema-instance"
608     xmlns:fd="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
609     xmlns:bullets="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
610     xmlns:incl="http://www.fulldegree.com/Schema/System/Incl.xsd"
611     xmlns:spec="http://www.fulldegree.com/Schema/Lib/Specifications.xsd"
612     xmlns:bean="http://www.fulldegree.com/Schema/Lib/InfoBean.xsd"
613     xmlns="http://www.fulldegree.com/Schema/Section/Container/Tent.xsd">
614 <bullets:BulletPoints fd:NodeName="Key Features">
615 <bullets:Collect fd:NodeName="VE-25 Features">
616     <bullets:BulletPoint>
617         <bullets:Text>
618             <bullets:Emphasis>Polyester ripstop fly sheet</bullets:Emphasis>
619             <bullets:Regular>is UV resistant and low absorbent plus seam-
620                 taped and polyurethane-coated for
621                     waterproofness</bullets:Regular>
622         </bullets:Text>
623     </bullets:BulletPoint>
624     <bullets:BulletPoint>
625         <bullets:Text>
626             <bullets:Emphasis>Nylon ripstop canopy</bullets:Emphasis>
627             <bullets:Regular>is lightweight and breathable with soothing color
628                 and partial translucence for long-term user
629                     satisfaction</bullets:Regular>
630         </bullets:Text>
631     </bullets:BulletPoint>
632 </bullets:Collect>
633 </bullets:BulletPoints>
```

(File: VE-25.xml)

FIG. 6A

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600

```
634    <Specifications>
635        <Appearance>
636            <Measurements>
637                <Capacity fd:NodeName="Capacity">3</Capacity>
638            </Measurements>
639            <spec:Colors>
640                <spec:Color>
641                    <spec:Component>Tent</spec:Component>
642                    <bean:Color xsi:null="true" fd:NodeName="Gold/Black"
643                        fd:Section="true" fd:Link="SoftLink" fd:Name="722"
644                        fd:Path="/TNF/Instance/Section/ColorBeans" />
645                </spec:Color>
646            </spec:Colors>
647        </Appearance>
648    </Specifications>
649 </Container>
```

(File: VE-25.xml)

FIG. 6B

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700

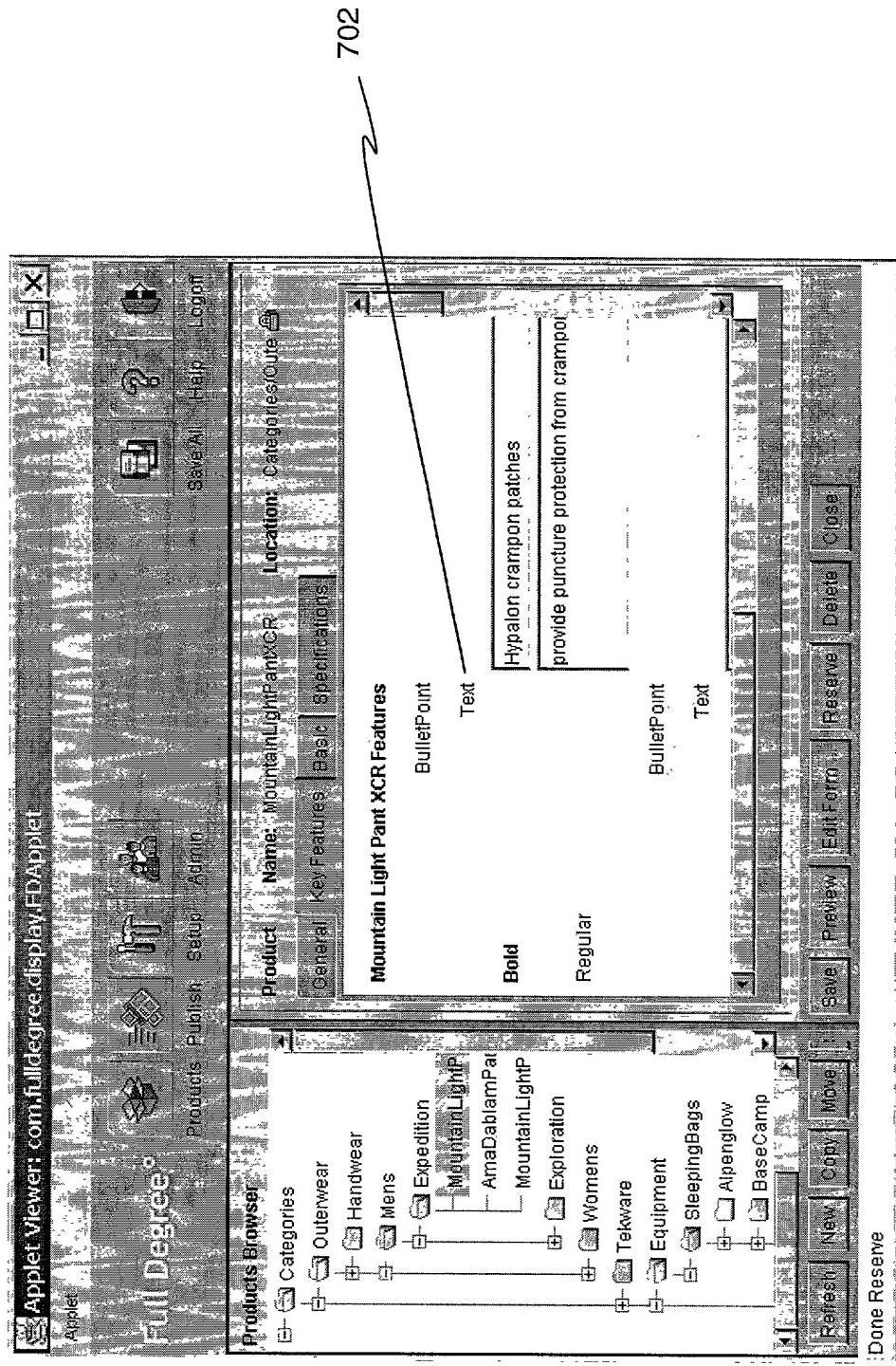


FIG. 7A

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720

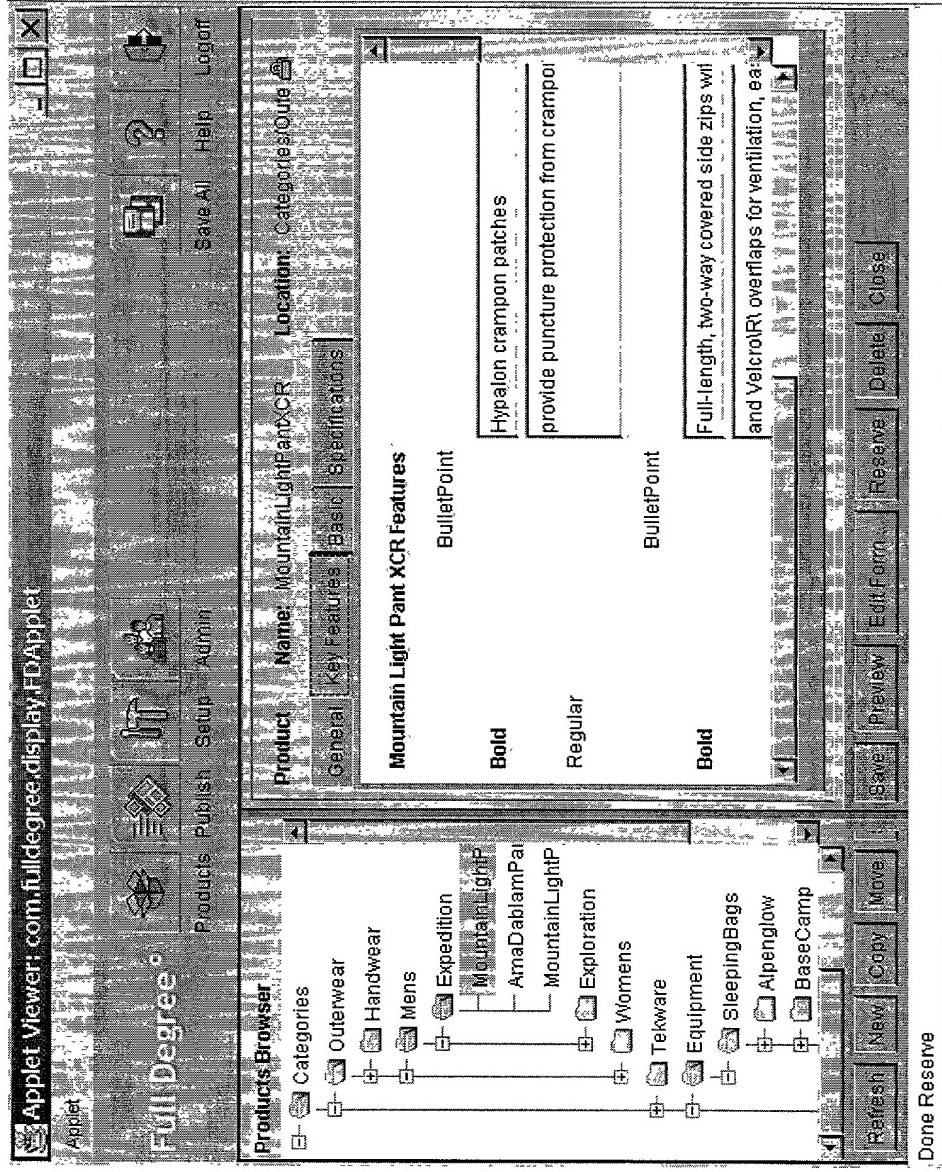


FIG. 7B

```

801 <?xml version="1.0" encoding="UTF-8" ?>
802 <DisplaySpecD xmlns:xsi="http://www.w3.org/2000/10/XMLSchema-instance"
803   xmlns="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
804   displayNamespace="http://www.fulldegree.com/Schema/Section/Contain
805   r/Tent.xsd" xsi:noNamespaceSchemaLocation="../System/FullDegree.xsd"
806   xmlns:tent="http://www.fulldegree.com/Schema/Section/Container/Tent.x
807   sd" xmlns:incl="http://www.fulldegree.com/Schema/System/Incl.xsd"
808   xmlns:any="http://www.fulldegree.com/Schema/Reserved/ReservedAny.xs
809   d" xmlns:fd="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
810   Type="default" fd:Name="TentD"
811   fd:Path="/FullDegree/Section/Container">
812 <ElementD Name="any:Container" Edit="true"
813   displayNamespace="http://www.fulldegree.com/Schema/Section/Contai
814   ner/Tent.xsd">
815   <Presenter Name="Container"
816     ObjectName="com.fulldegree.display.presenters.TabbedTreePresent
817     er" />
818   <Actions>
819     <Action Name="onLink" Return="DataTuple" Enabled="true"
820       ShowInGroupPanel="false">
821       <Parameter Name="Link" Source="(Presenter)Active.Selected[0]" />
822       <Operation
823         ObjectName="com.fulldegree.ejbs.actions.repository.FDRepo
824         ryAction" Method="retrieveClientData" Return="DataTuple">
825           <Argument Name="Link" />
826         </Operation>
827       </Action>
828     </Actions>
829   </ElementD>
830   <ElementD Name="incl:Float" Hide="true" />
831   <ElementD Name="tent:Capacity">
832     <Editor Width="small" />
833   </ElementD>
834   <IncludeD
835     displayNamespace="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
836     />
837 </DisplaySpecD>

```

(File: TentD.xml)

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900 ↘

```
901 <?xml version="1.0" encoding="UTF-8" ?>
902 <DisplaySpecD xmlns:xsi="http://www.w3.org/2000/10/XMLSchema-
903     instance"
904     xmlns="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
905     displayNamespace="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
906     xsi:noNamespaceSchemaLocation="../System/FullDegree.xsd"
907     xmlns:fd="http://www.fulldegree.com/Schema/System/FullDegree.xsd"
908     xmlns:bullets="http://www.fulldegree.com/Schema/Lib/Bullets.xsd"
909     Type="default" fd:Name="BulletsD" fd:Path="/FullDegree/Lib">
910     <ElementD Name="bullets:Regular">
911         <Editor Name="multiLineWidget" Height="medium" Width="large" />
912     </ElementD>
913     <ElementD Name="bullets:Text" />
914     <ElementD Name="bullets:Emphasis" FontStyle="Bold">
915         <Editor Width="large" />
916     </ElementD>
917 </DisplaySpecD>
```

File Edit View Insert Tools Window Help

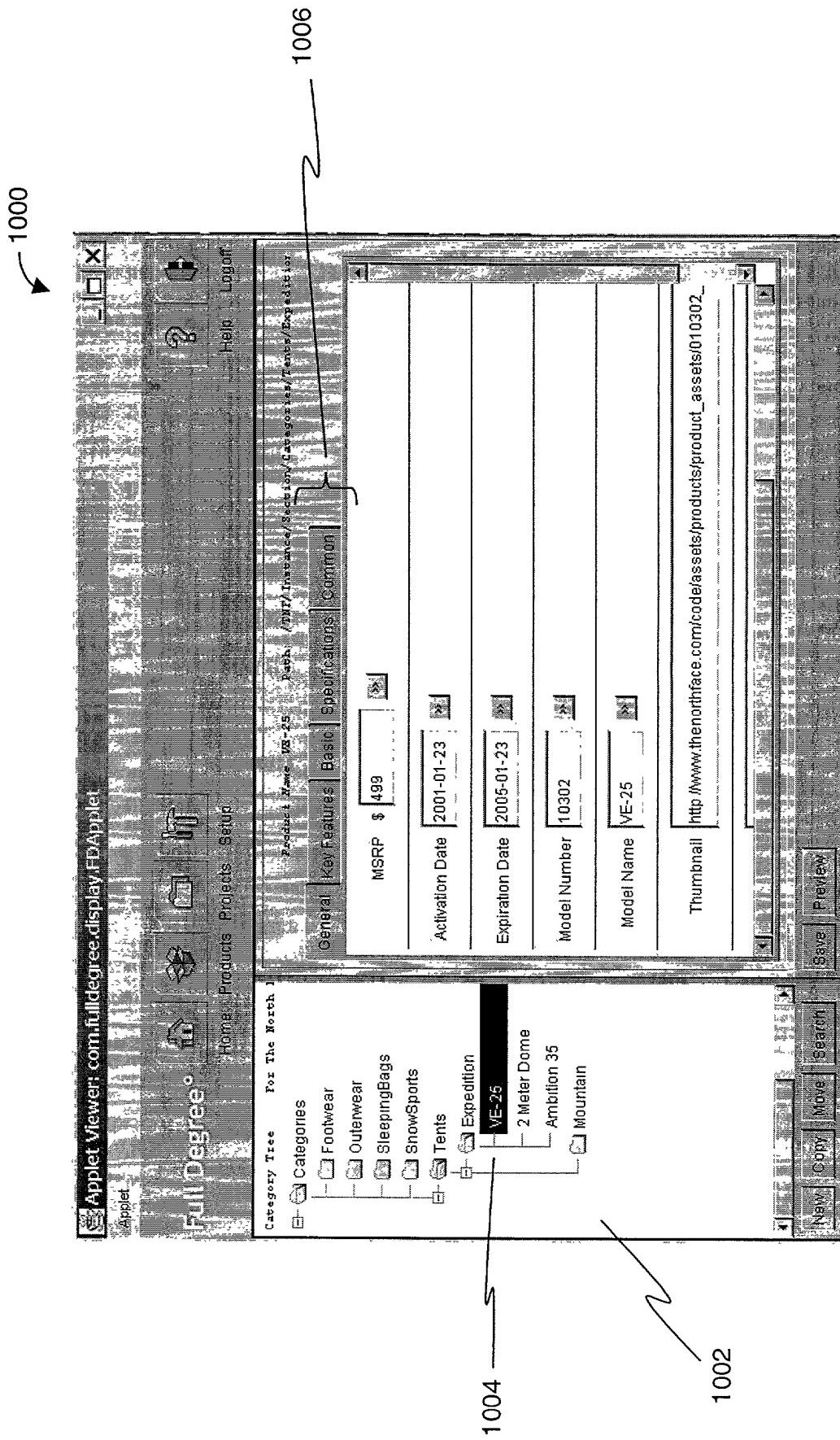
(File: BulletsD.xml)

FIG. 9

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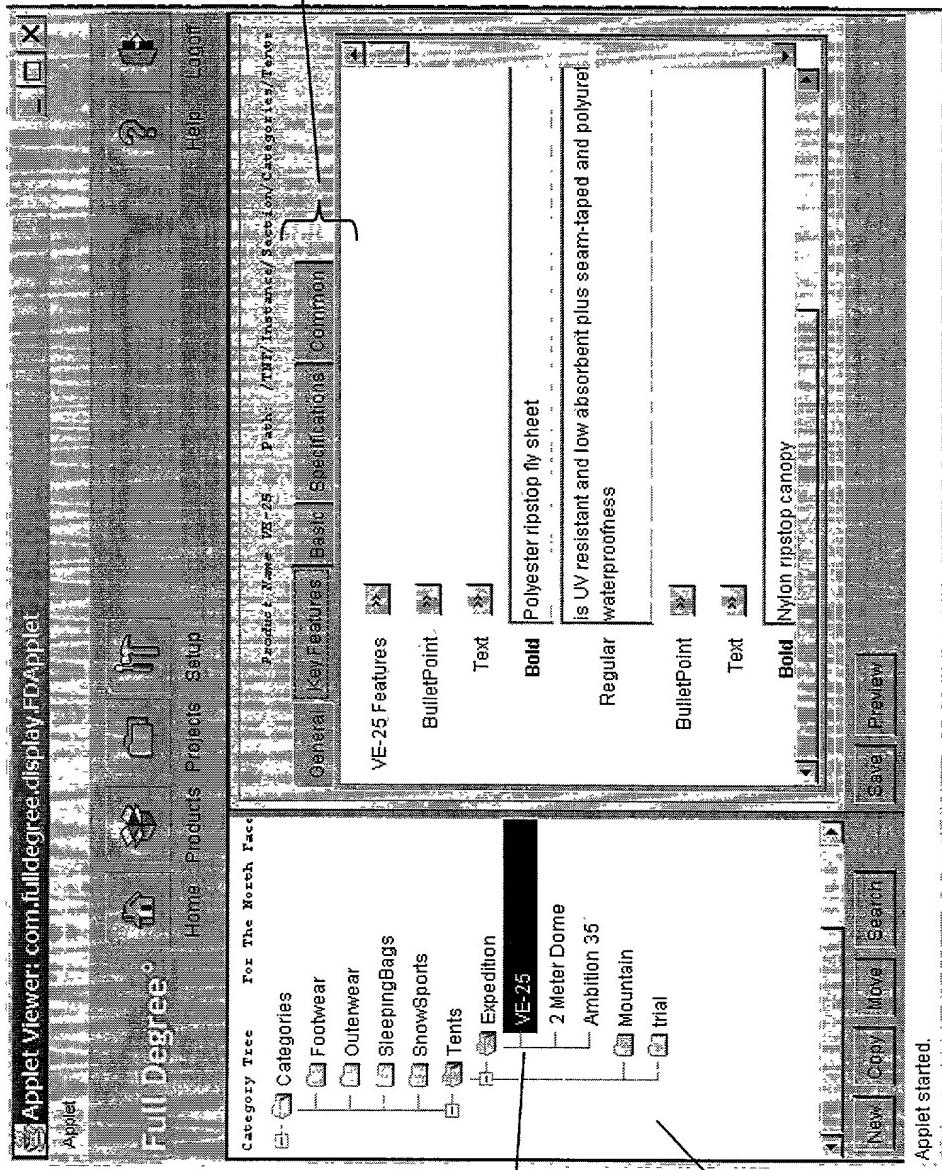
FIG. 10

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1100



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1106

1108

1102

1110

FIG. 11

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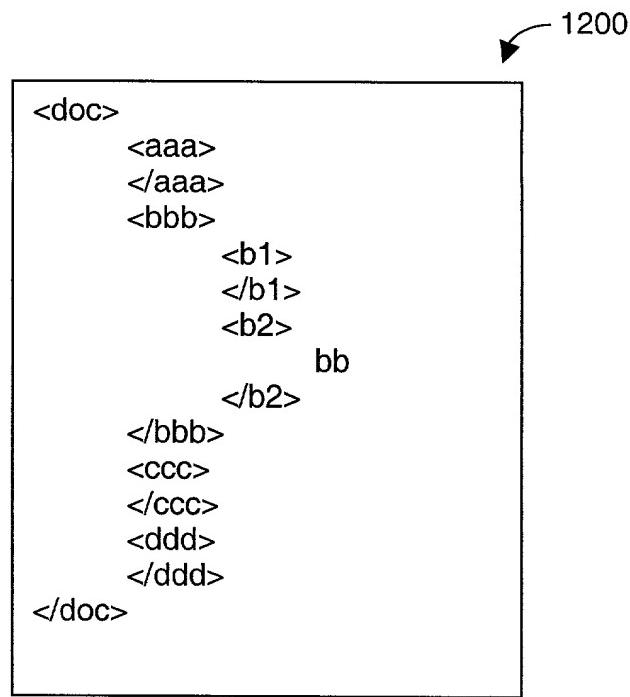


FIG. 12

“图12为一个文档的表示，其外接矩形的宽度为1200。”

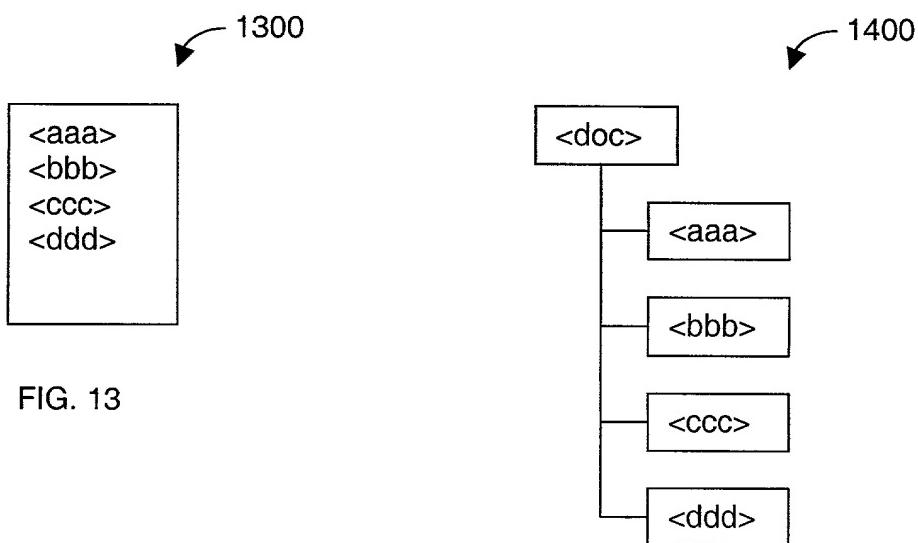


FIG. 13

FIG. 14

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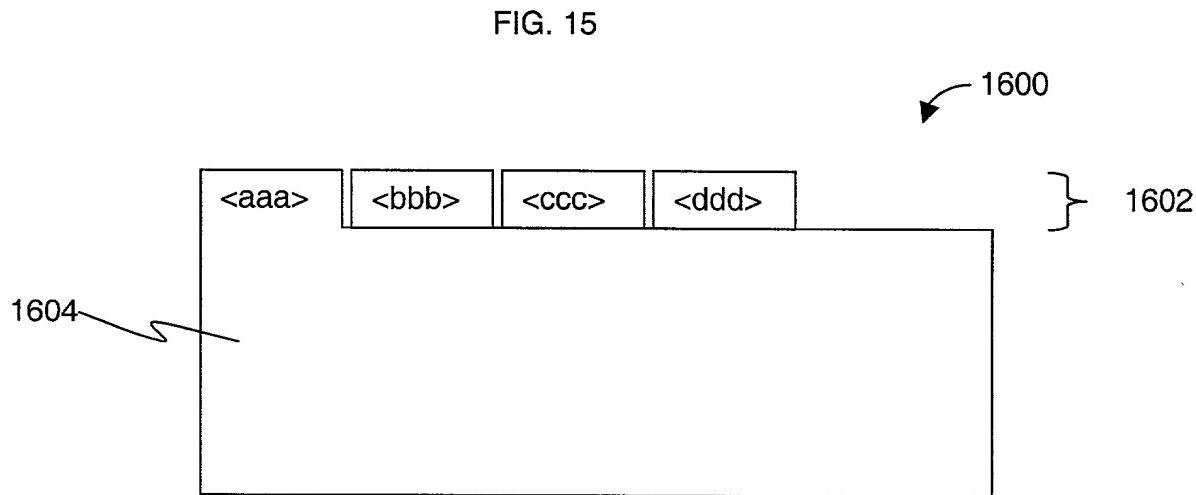
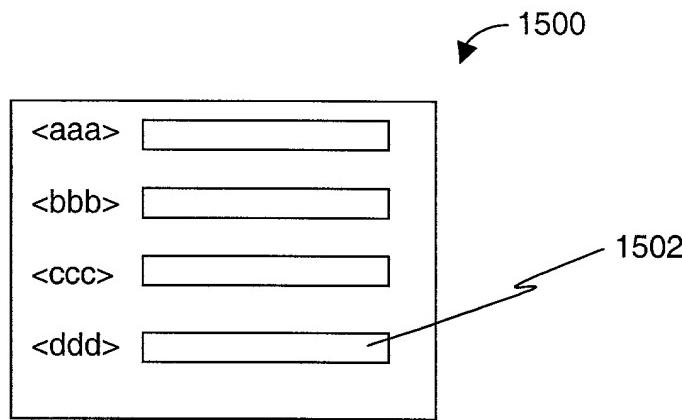


FIG. 16

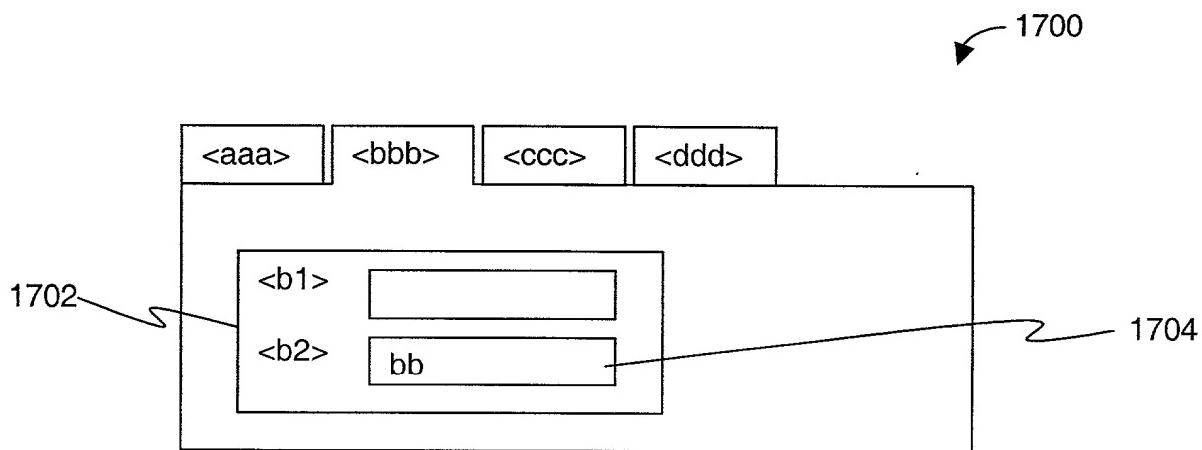


FIG. 17

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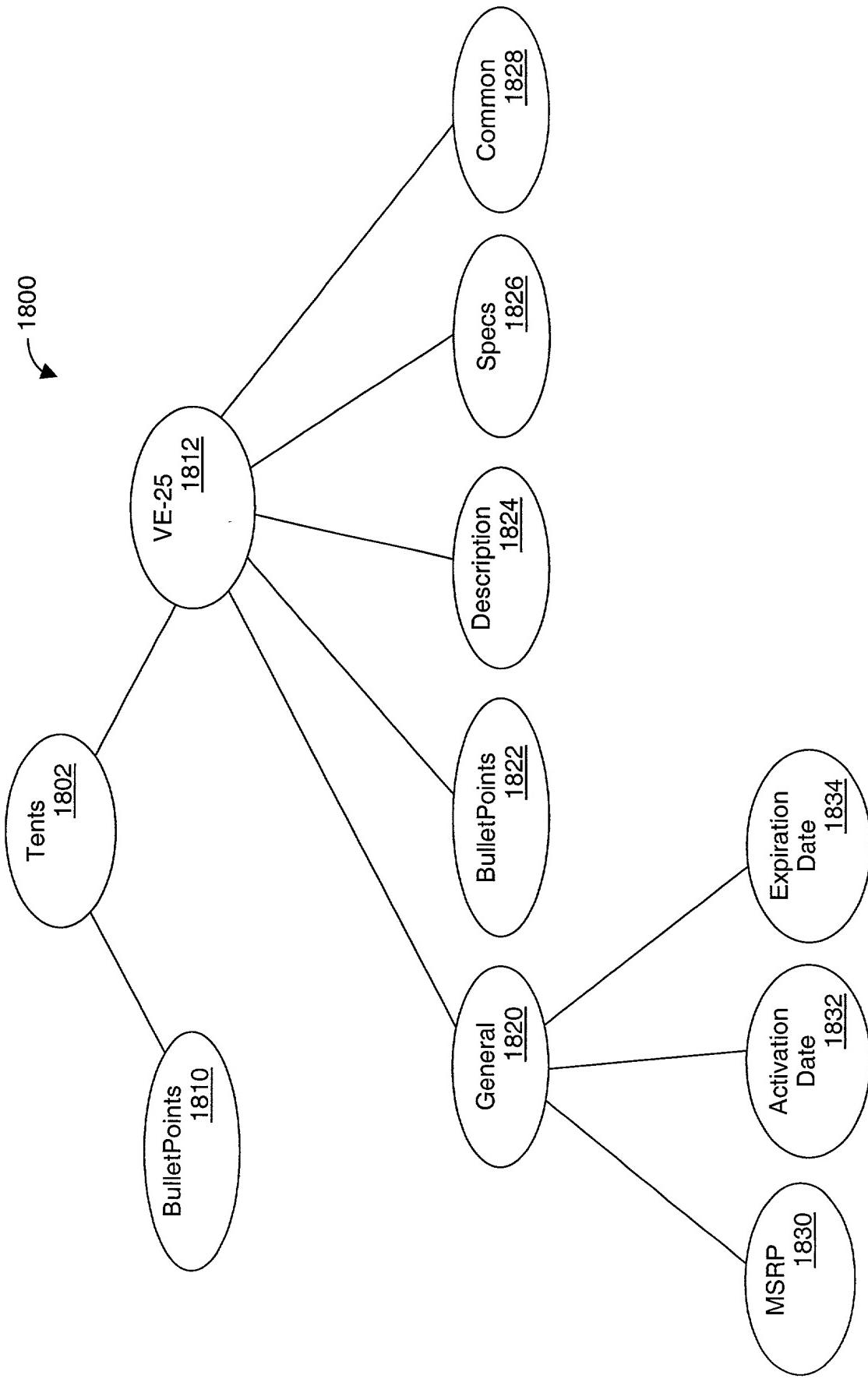


FIG. 18